

Group II – Claims 9-15 and 22 drawn to a method of producing pulsed power and classified in class 323, subclass 282.

Group III – Claims 16-21 drawn to a toroid structure and classified in class 336, subclass 229.

Applicant elects to prosecute the claims of Group II, claims 9-15 and 22, drawn to a method for producing pulsed power and traverses the restriction requirement.

Applicant's method, as embodied in claims 9-15 and 22, utilizes switches magnetically coupled to a first wire wrapped around a toroid. In one embodiment, the switches are a second wire wrapped around a core of ferromagnetic material encircling the first wire (claim 12). As such, both the toroid of Group I and the switches of Group III are embodied at least in select embodiments of the Group II method. For the Examiner to fully consider the dependent claims of Group II, a review of the toroid art and switching art will be required.

MPEP Section 803 states that if a search and examination of all the claims of the entire application can be made without serious burden, the Examiner is encouraged to examine it on the merits, even though it includes claims to distinct or independent inventions. In the present situation, no serious burden upon the Examiner is seen by examining all of the claims of the present application.

The Examiner further requested an election of species as follows.

Embodiment 1 drawn to the three stage circuit of Figure 1.

Embodiment 2 drawn to the four stage energy circuit of Figure 2.

Applicant elects to prosecute Embodiment 2 as illustrated in Figure 2 and traverses the election of species requirement .

As noted in Applicant's Specification at page 4, line 2, a number of the features of Embodiment 2 are illustrated and described with reference to Figure 1. As such, both embodiments may be readily reviewed at the same time without undue additional search required on the part of the Examiner.

In the event that the Examiner reaffirms this Restriction Requirement and makes it Final, Applicant reaffirms the election of Group II, claims 9-15 and 22 and Embodiment 2 as embodied in Figure 2.

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Respectfully submitted,  
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